Figure 6

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-559   ATGCGCCATGTTGACAAAAAGGCTGATTAGTATGATCTTGGAGTTGTTGGTGCAAATTTG        60

-499   CAAGCTGACGATGGCCCCTCAGGGAAATTAAGGCGCCAACCCAGATTGCAAAGAGCACAA       120

-439   AGAGCACGACCCAACCTTTCCTTAACAAGATCATCACCAGATCGGCCAGTAAGGGTAATA       180

-379   TTAATTTAACAAATAGCTCTTGTACCGGGAACTCCGTATTTCTCTCACTTCCATAAACCC       240

-319   CTGATTAATTTGGTGGGAAAGCGACAGCCAACCCACAAAAGGTCAGATGTCATCCCACGA       300

-259   GAGAGAGAGAGAGAGAGAGAGAGAGAGTTTTCTCTCTATATTCTGGTTCACCGGTTGG       360

-199   AGTCAATGGCATGCGTGACGAATGTACATATTGGTGTAGGGTCCAATATTTTGCGGGAGG       420

-139   GTTGGTGAACCGCAAAGTTCCTATATATCGAACCTCCACCACCATACCTCACTTCAATCC       480

-79    CCACCATTTATCCGTTTTATTTCCTCTGCTTTCCTTTGCTCGAGTCTCGCGGAAGAGAGA       540

-19    GAAGAGAGGAGAGGAGAGAATGGGTTCGACCGGCTCCGAGACCCAGATGACCCCGACCCA       600
                                +1
42     AGTCTCGGACGACGAGGCGAACCTCTTCGCCATGCAGCTGGCGAGCGCCTCCGTGCTCCC       660

102    CATGGTCCTAAAGGCCGCCATCGAGATCGACCTCCTCGAGATCATGGCCAAGGACGGGCC       720

162    GGGCGCGTTCCTCTCCACGGGGGAAATCGCGGCACAGCTCCCGACCCAGAACCCCGAGGC       780

222    ACCCGTCATGCTCGACCGGATCTTCCGGCTGCTGGCCAGCTACTCCGTGCTCACGTGCAC       840

282    CCTCCGCGACCTCCCCGATGGCAAGGTCGAGCGGCTCTACGGCTTAGCGCCGGTGTGCAA       900

342    GTTCTTGGTCAAGAACGAGGACGGGGTCTCCATCGCCGCACTCAACTTGATGAACCAGGA       960

402    CAAAATCCTCATGGAAAGCTGGTATTACCTGAAAGATGCGGTCCTTGAAGGCGGAATCCC      1020

462    ATTCAACAAGGCGTACGGGATGACCGCGTTCGAGTATCATGGCACCGACCCGCGATTCAA      1080

522    CAAGATCTTTAACCGGGGAATGTCTGATCACTCCACCATTACTATGAAGAAGATACTGGA      1140

582    AACATACAAGGGCTTCGAGGGCCTCGAGACCGTGGTCGATGTCGGAGGCGGCACTGGGGC      1200

642    CGTGCTCAGCATGATCGTTGCCAAATACCCATCAATGAAAGGGATCAACTTCGACCCGCC      1260

702    CCAACGGATTGAAGACGCCCCACCCCTTCCTGGTGTCAAGCACGTCGGAGGCGACATGTT      1320

762    CGTCAGCGTTCCAAAGGGAGATGCCATTTTCATGAAGTGGATATGCCATGACTGGAGTGA      1380

822    CGACCATTGCGCGAAGTTCCTCAAGAACTGCTACGATGCGCTTCCCAACAATGGAAAGGT      1440

882    GATCGTTGCAGAGTGCGTACTCCCTGTGTACCCAGACACGAGCCTAGCGACCAAGAATGT      1500

942    GATCCACATCGACTGCATCATGTTGGCCCACAACCCAGGCGGGAAAGAGAGGACACAGAA      1560

1002   GGAGTTCGAGGGCATTGGCCAAAGGGGGCCGGATTTCAGGGCTTCCAAGTCATGTGCTGCGC      1620

1062   TTTCGGCACTCACGTCATGGAGTTCCTGAAGACCGCTTGATCTGCTCCTCTGTGGTGATG      1680

1122   TTCATGGTTCTTGGATTTGAAAGGTCGTGAAGGAGCCCTTTTCTCACAGTTGGCTTCGGC      1740

1182   ATACCAAGTTCTTCTCATAAAAGGAAACAATAAGAAGCGACTGTATGATGGCGCAAGTGG      1800

1242   AAGTTACAAGATTTGTTGTTTTATGTCTATAAAGTTTTGAGTCTTCTGCATACTGATTTC      1860

1302   ACAGAATGTGTAACGAAACGGCGTATATGGATGTGCCTGAATGATGGAAATTGTGATATT      1920

1362   CTGTCTTCTTTTTCAGTAAATCACTTCGAACAAAAAAAAAA                       1962
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Figure 7

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ATGCGCCATGTTGACAAAAAGGCTGATTAGTATGATCTTGGAGTTGTTGGTGCAAATTTG    60

CAAGCTGACGATGGCCCCTCAGGGAAATTAAGGCGCCAACCCAGATTGCAAAGAGCACAA    120

AGAGCACGACCCAACCTTTCCTTAACAAGATCATCACCAGATCGGCCAGTAAGGGTAATA    180

TTAATTTAACAAATAGCTCTTGTACCGGGAACTCCGTATTTCTCTCACTTCCATAAACCC    240

CTGATTAATTTGGTGGGAAAGCGACAGCCAACCCACAAAAGGTCAGATGTCATCCCACGA    300

GAGAGAGAGAGAGAGAGAGAGAGAGAGTTTTCTCTCTATATTCTGGTTCACCGGTTGG    360

AGTCAATGGCATGCGTGACGAATGTACATATTGGTGTAGGGTCCAATATTTTGCGGGAGG    420

GTTGGTGAACCGCAAAGTTCCTATATATCGAACCTCCACCACCATACCTCACTTCAATCC    480

CCACCATTTATCCGTTTTATTTCCTCTGCTTTCCTTTGCTCGAGTCTCGCGGAA    534
```

Figure 8

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GTGCAAATTTGCAAGCTGACGATGGCCCCTCAGGGAAATTAAGGCGCCAACCCAGATTGC    60

AAAGAGCACAAAGAGCACGACCCAACCTTTCCTTAACAAGATCATCACCAGATCGGCCAG    120

TAAGGGTAATATTAATTTAACAAATAGCTCTTGTACCGGGAACTCCGTATTTCTCTCACT    180

TCCATAAACCCCTGATTAATTTGGTGGGAAAGCGACAGCCAACCCACAAAAGGTCAGATG    240

TCATCCCACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGTTTTCTCTCTATATTCTGGT    300

TCACCGGTTGGAGTCAATGGCATGCGTGACGAATGTACATATTGGTGTAGGGTCCAATAT    360

TTTGCGGGAGGGTTGGTGAACCGCAAAGTTCCTATATATCGAACCTCCACCACCATACCT    420

CACTTCAATCCCCACCATTTATCCGTTTTATTTCCTCTGCTTTCCTTTGCTCGAGTCTCG    480

CGGAA    485
```

Figure 9

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TTCCATAAACCCCTGATTAATTTGGTGGGAAAGCGACAGCCAACCCACAAAAGGTCAGAT    60

GTCATCCCACGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGTTTTCTCTCTATATTCTGG    120

TTCACCGGTTGGAGTCAATGGCATGCGTGACGAATGTACATATTGGTGTAGGGTCCAATA    180

TTTTGCGGGAGGGTTGGTGAACCGCAAAGTTCCTATATATCGAACCTCCACCACCATACC    240

TCACTTCAATCCCCACCATTTATCCGTTTTATTTCCTCTGCTTTCCTTTGCTCGAGTCTC    300

GCGGAA    306
```

Figure 10

TGATTAATTTGGTGGG AAAG CGACAGCCA ACCCA CAAAAGGTCAGATGTCATCCCACGAG   60

AGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGTTTTCTCTCTATATTCTGGTTCACCGGTTGGA   120

GTCAATGGCATGCGTGACGAATGTACATATTGGTGTAGGGTCCAATATTTTGCG GGAGGG   180

TTGGTGAACCGCAAAG TTC CTAT ATAT CGAACCTCCACCACCATACCTCACTTCAATCCC   240

CACCATTTATCCGTTTTATTTCCTCTGCTTTCCTTTGCTCGAGTCTCGCGGAA   293

Figure 11

GGAGGGTTGGTGAACCGCAAA GTTC CTAT ATAT CGAACCTCCACCACCATACCTCACTTC   60

AATCCCCACCATTTATCCGTTTTATTTCCTCTGCTTTCCTTTGCTCGAGTCTCGCGGAA   119

Figure 12

AGTTC CTAT ATAT CGAACCTCCACCACCATACCTCACTTCAATCCCCACCATTTATCCGT

TTTATTTCCTCTGCTTTCCTTTGCTCGAGTCTCGCGGAA

Figure 13

TCACTTCAATCCCCACCATTTATCCGTTTTATTTCCTCTGCTTTCCTTTGCTCGAGTCTC   60

GCGGAA   66

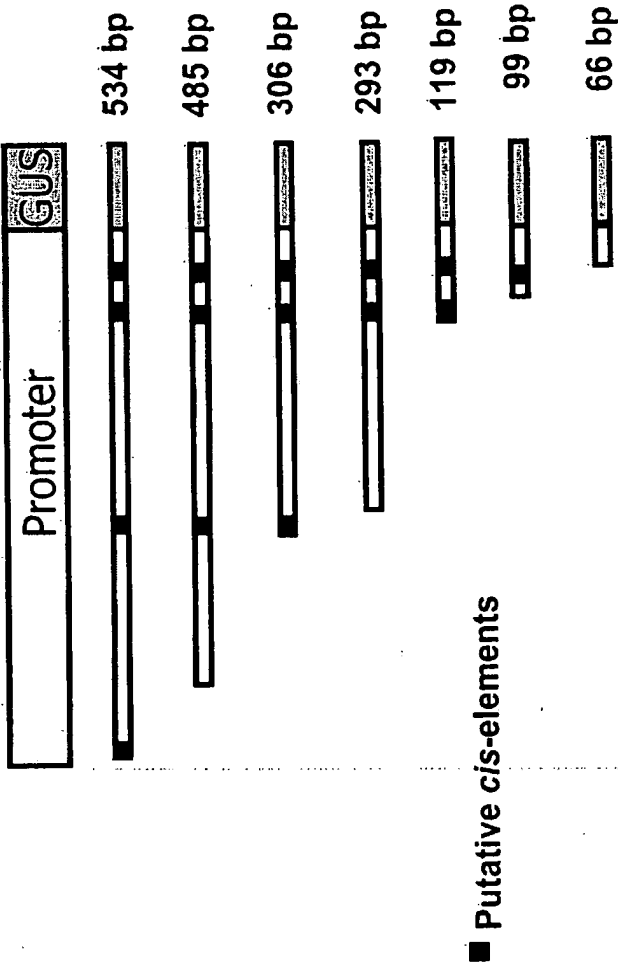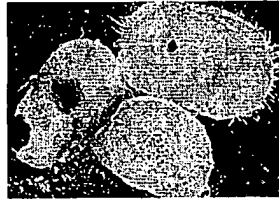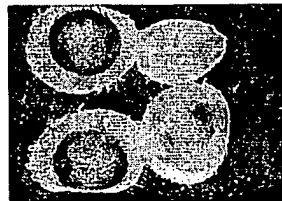Schematic diagram of the truncated versions of the *E. grandis* OMT promoter deletions

Promoter

GUS

534 bp

485 bp

306 bp

293 bp

119 bp

99 bp

66 bp
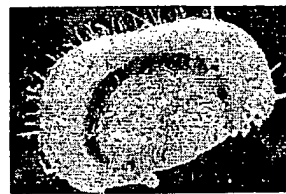
■ Putative *cis*-elements

Figure 14

GUS reporter gene expression driven by:

534bp OMT promoter

485bp OMT promoter fragment

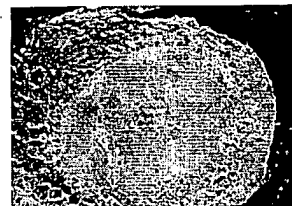306bp OMT promoter fragment

119bp OMT promoter fragment

Figure 15